## AMENDMENTS TO THE CLAIMS

1. (Original) An information processing apparatus, comprising:

production means for producing a plurality of first graphic images representative of output data to be outputted to a different information processing apparatus;

display means for successively displaying the first graphic images produced by said production means;

detection means for detecting a plurality of second graphic images representative of input data inputted from said different information processing apparatus in response to successive display of the second graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the second graphic images detected by said detection means.

2. (Previously presented) An information processing method, comprising:

a production step of producing a plurality of first graphic images representative of output data to be outputted to an information processing apparatus;

a display step of successively displaying the first graphic images produced at the production step;

a detection step of detecting a plurality of second graphic images representative of input data inputted from said information processing apparatus in response to successive display of the second graphic images on said information processing apparatus; and

an acquisition step of acquiring the input data based on the second graphic images detected at the detection step.

3. (Previously presented) A recording medium on which a computer-executable program is recorded, the program comprising instructions for executing:

a production step of producing a plurality of first graphic images representative of output data to be outputted to an information processing apparatus;

a display controlling step of controlling successive display of the first graphic images produced at the production step;

a detection controlling step of controlling detection of a plurality of second graphic images representative of input data inputted from said information processing apparatus in response to successive display of the second graphic images on said information processing apparatus; and

an acquisition step of acquiring the input data based on the second graphic images detected at the detection controlling step.

4. (Previously presented) A program for causing a computer to execute:

a production step of producing a plurality of first graphic images representative of output data to be outputted to an information processing apparatus;

a display controlling step of controlling successive display of the first graphic images produced at the production step;

a detection controlling step of controlling detection of a plurality of second graphic images representative of input data inputted from said information processing apparatus in response to successive display of the second graphic images on said information processing apparatus; and

an acquisition step of acquiring the input data based on the second graphic images detected at the detection controlling step.

Claims 5-7 (Cancelled).

8. (Currently amended) An information processing apparatus, comprising:

production means for producing a plurality of graphic images representative of output data to be outputted to a different information processing apparatus; and

display means for successively displaying the graphic images produced by said production means;

~~The information processing apparatus according to claim 5,~~ wherein the output data comprises image data, and said display means successively displays an image based on the image data and displays one of the graphic images in proximity of the displayed image.

9. (Currently amended) An information processing apparatus, comprising:

production means for producing a plurality of graphic images representative of output data to be outputted to a different information processing apparatus; and

display means for successively displaying the graphic images produced by said production means;

~~The information processing apparatus according to claim 5,~~ further comprising outputting means for outputting sound based on music data, and wherein the output data are music data, and said display means successively displays the graphic images in synchronism with said outputting means outputting sound.

Claims 10-14 (Cancelled).

15. (Currently amended) An information processing apparatus, comprising:

detection means for successively detecting a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the graphic images successively detected by said detection means, ~~The information processing apparatus according to claim 13,~~ further comprising:

display means for displaying a predetermined image; and

formation means for forming, at a portion of a display region of said display means in which the predetermined image is displayed, a detection region in which the graphic images are successively detected by said detection means.

16. (Currently amended) An information processing apparatus, comprising:

detection means for successively detecting a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the graphic images successively detected by said detection means, further comprising:

display means for displaying a predetermined image; and

formation means for forming, at a portion of a display region of said display means in which the predetermined image is displayed, a detection region in which the graphic images are successively detected by said detection means,

~~The information processing apparatus according to claim 15,~~ wherein said formation means forms the detection region by applying, to each of pixels in the display region in which the detection region is formed, a voltage reverse to a voltage which is applied to each of pixels which display the image.

17. (Currently amended) An information processing apparatus, comprising:

detection means for successively detecting a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the graphic images successively detected by said detection means, further comprising:

display means for displaying a predetermined image; and

formation means for forming, at a portion of a display region of said display means in which the predetermined image is displayed, a detection region in which the graphic images are successively detected by said detection means,

~~The information processing apparatus according to claim 15,~~ wherein said detection means detects electric current generated in response to light from the outside in an active semiconductor layer of a transistor disposed in each of pixels which form the detection region.

18. (Currently amended) An information processing apparatus, comprising:

detection means for successively detecting a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the graphic images successively detected by said detection means, further comprising:

display means for displaying a predetermined image; and

formation means for forming, at a portion of a display region of said display means in which the predetermined image is displayed, a detection region in which the graphic images are successively detected by said detection means,

T~~he information processing apparatus according to claim 15~~, wherein said detection means detects electric current generated in response to light from the outside in an electroluminescent element disposed in each of pixels which form the detection region.

19. (Currently amended) An information processing apparatus, comprising:

detection means for successively detecting a plurality of graphic images representative of input data inputted from a different information processing apparatus through successive display of the graphic images on said different information processing apparatus; and

acquisition means for acquiring the input data based on the graphic images successively detected by said detection means, further comprising:

display means for displaying a predetermined image; and

formation means for forming, at a portion of a display region of said display means in which the predetermined image is displayed, a detection region in which the graphic images are successively detected by said detection means,

~~The information processing apparatus according to claim 15,~~ wherein said formation means forms the detection region such that the detection region is successively moved in synchronism with scanning of a screen by said display means.

Claims 20-28 (Cancelled).

29. (Currently amended) An information processing apparatus, comprising:

a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image;

changeover means for changing over direction of a voltage to be applied to each electroluminescent element to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

detection means for detecting an input from the outside based on electric current generated in any electroluminescent element driven for light reception as a result of a changeover by said changeover means when an electroluminescent element receives light;

wherein said changeover means forms a detection region, including a plurality of pixels whose respective electroluminescent elements are driven for light reception, in a predetermined region of said display section; and

~~The information processing apparatus according to claim 28,~~ wherein said changeover means forms a display region, including a plurality of pixels whose respective electroluminescent elements are driven for light emission, in a region of said display section separated from the detection region.

30. (Currently amended) An information processing apparatus, comprising:

a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image;

changeover means for changing over direction of a voltage to be applied to each electroluminescent element to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

detection means for detecting an input from the outside based on electric current generated in any electroluminescent element driven for light reception as a result of a changeover by said changeover means when an electroluminescent element receives light,

~~The information processing apparatus according to claim 27,~~ wherein said changeover means forms, in proximity of a first pixel including a first electroluminescent element driven for light emission, a second pixel including a second electroluminescent element driven for light reception, and said detection means detects an input from the outside based on electric current generated when said second electroluminescent element receives reflected light originating from light emitted from said first electroluminescent element.

31. (Currently amended) An information processing apparatus, comprising:

a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image;

changeover means for changing over direction of a voltage to be applied to each electroluminescent element to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

detection means for detecting an input from the outside based on electric current generated in any electroluminescent element driven for light reception as a result of a changeover by said changeover means when an electroluminescent element receives light,

wherein said changeover means forms, in proximity of a first pixel including a first electroluminescent element driven for light emission, a second pixel including a second electroluminescent element driven for light reception, and said detection means detects an input from the outside based on electric current generated when said second electroluminescent element receives reflected light originating from light emitted from said first electroluminescent element,

~~The information processing apparatus according to claim 30,~~ wherein said detection means detects that a predetermined object is positioned in proximity of a surface of said display section as an input from the outside.

32. (Currently amended) An information processing apparatus, comprising:

a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image;

changeover means for changing over direction of a voltage to be applied to each electroluminescent element to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

detection means for detecting an input from the outside based on electric current generated in any electroluminescent element driven for light reception as a result of a changeover by said changeover means when an electroluminescent element receives light,

wherein said changeover means forms, in proximity of a first pixel including a first electroluminescent element driven for light emission, a second pixel including a second electroluminescent element driven for light reception, and said detection means detects an input from the outside based on electric current generated when said second electroluminescent element receives reflected light originating from light emitted from said first electroluminescent element,

~~The information processing apparatus according to claim 30,~~ wherein said detection means detects plane information of an object which contacts with or is positioned in the proximity of a surface of said display section as an input from the outside based on electric current generated when said second electroluminescent element receives reflected light originating from light emitted from said first electroluminescent element.

33. (Currently amended) An information processing apparatus, comprising:

a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image;

changeover means for changing over direction of a voltage to be applied to each electroluminescent element to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

detection means for detecting an input from the outside based on electric current generated in any electroluminescent element driven for light reception as a result of a changeover by said changeover means when an electroluminescent element receives light,

wherein said changeover means forms, in proximity of a first pixel including a first electroluminescent element driven for light emission, a second pixel including a second electroluminescent element driven for light reception, and said detection means detects an input from the outside based on electric current generated when said second electroluminescent element receives reflected light originating from light emitted from said first electroluminescent element,

~~The information processing apparatus according to claim 30,~~ wherein said first electroluminescent element emits light of a predetermined wavelength, and said second electroluminescent element has a high light reception sensitivity to light of the predetermined wavelength.

34. (Currently amended) An information processing apparatus, comprising:

a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image;

changeover means for changing over direction of a voltage to be applied to each electroluminescent element to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

detection means for detecting an input from the outside based on electric current generated in any electroluminescent element driven for light reception as a result of a changeover by said changeover means when an electroluminescent element receives light,

~~The information processing apparatus according to claim 27,~~ further comprising image formation means for forming an image of an object ~~positioned remotely~~ which is at a position to the left side of [[from]] said display section, as one faces the display section and wherein said detection means detects an image of an object formed by said image formation means as an input from the outside based on electric current generated when any of the electroluminescent elements which is driven for light reception receives light.

35. (Previously presented) An information processing method for an information processing apparatus which includes a display section including a plurality of pixels each including an electroluminescent element for emitting light to display an image, the method comprising:

a changeover step of changing over direction of a voltage to be applied to each electroluminescent element to change over driving of the electroluminescent element between driving for light emission and driving for light reception; and

a detection step of detecting an input from the outside based on electric current generated in any electroluminescent element driven for light reception as a result of a changeover at the changeover step when an electroluminescent element receives light.

Claims 36-37 (Cancelled).